Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently Amended) A layout editing system for arranging page structural elements in an electronic document, comprising:

a display device;

a first supply device to ~~supply said display device with~~ provide an electronic document ~~having a grid provided with~~having a plurality of first attraction points arranged on a grid ~~for display on said~~to the display device;

a second supply device to ~~supply~~provide a page structural element ~~whose outline is demarcated by a frame~~ on the electronic document ~~displayed on said display device, said~~the page structural element ~~provided with~~having a plurality of ~~attractive~~ second attraction points to adjust ~~its~~ a position of the page structural element ~~in accordance with said plurality of first attraction points~~;

a movement device ~~to hold said page structural element and~~ to move said page structural element without deformation to a desired location in said electronic document ~~by~~in response to a manual user operation; and

an attraction state control to control attraction of ~~only one~~the plurality of second attraction points that can be activated so that only a single ~~selected from~~ one of ~~said~~the plurality of second attraction points is attractive to snap the page structural element to a first attraction point while said page structural element is being ~~held~~moved by said movement device.

2.   (Original) The layout editing system of claim 1, wherein said movement device comprises a pointing device, and said page structural element is kept in a held state by keeping said pointing device's button pressed down.

Applicant : Lynn, et al.
Serial No. : 09/658,742
Filed : September 11, 2000
Page : 3 of 10

Attorney's Docket No.: 07844-410001 / P374

3. (Cancelled)

4. (Original) The layout editing system of claim 1, further comprising an attractive operation mode setting mechanism to selectively set a first attractive operation mode that sets a state of attracting to all of said plurality of first attraction points, and a second attractive operation mode that sets a state of attracting only to a selected predetermined pattern within said plurality of first attraction points.

5. (Original) The layout editing system of claim 4, wherein said attractive operation mode setting mechanism comprises a predetermined specified key on the keyboard, and said second attractive operation mode is set by holding said specified key pressed down.

6. (Currently Amended) The layout editing system of claim 1, wherein said movement device comprises a cursor displayed on said display device, and said attraction state control makes activates only the a single second attraction point nearest to said cursor attractive when said cursor is positioned inside said page structural element frame and said page structural element is being held by said movement device.

7.   (Currently Amended) A layout editing method for arranging page structural elements in an electronic document, comprising:

displaying an electronic document having ~~a grid provided with~~ a plurality of first attraction points arranged on a grid ~~on a display device~~;

displaying a page structural element ~~whose outline is demarcated by a frame~~ on the electronic document ~~displayed on said display device~~, ~~said~~ the page structural element ~~provided with~~having a plurality of ~~attractive~~ second attraction points ~~to adjust its position in accordance with said plurality of first attraction points~~;

holding said page structural element and ~~among said~~activating a single one of the plurality of second attraction points such that ~~setting~~ only a single second attraction point nearest to ~~said~~ a cursor is in an attractive state, ~~and setting a probe point that keeps the relative positional relationship of that second attraction point~~ and ~~said cursor at a time of detecting that the cursor is positioned inside the frame of said page structural element and~~ wherein ~~that~~ a button of a pointing device linked to ~~said~~ the cursor is pressed down at the time of detecting the cursor position; and

when said pointing device is operated in a holding state and said cursor is moved, linking ~~said second attraction point in the attractive state~~the page structural element to movement of said cursor ~~and moving said second attraction point and attracting it to a first attraction point nearest to said probe point,~~ and moving said page structural element without deformation such that the single second attraction point is attractive to snap the page structural element to a first attraction point.

8.   (Original) The layout editing method of claim 7, further comprising the step of selecting a first attractive operation mode that sets a state of attracting to all of said plurality of first attraction points, and a second attractive operation mode that sets a state of attracting only to a selected predetermined pattern within said plurality of first attraction points.

Applicant : Lynn, et al.
Serial No. : 09/658,742
Filed : September 11, 2000
Page : 5 of 10

Attorney's Docket No.: 07844-410001 / P374

9. (Original) The layout editing method of claim 8, wherein said first or second attractive operation mode is selected depending on whether a predetermined specified key on the keyboard is pressed down or released respectively.

10. (Currently Amended) An apparatus comprising a computer-readable storage medium tangibly embodying program instructions for causing a computer to:

display an electronic document ~~having a grid provided with~~having a plurality of first attraction points ~~on a display device~~ arranged on a grid;

display a page structural element ~~whose outline is demarcated by a frame~~ on the electronic document ~~displayed on said display device~~, said the page structural element ~~provided with~~having a plurality of ~~attractive~~ second attraction points ~~to adjust its position in accordance with said plurality of first attraction points~~;

hold said page structural element and ~~among said~~activating a single one of the plurality of second attraction points ~~setting~~ such that only a single second attraction point nearest to ~~a~~said cursor is in an attractive state, ~~and setting a probe point that keeps the relative positional relationship of that second attraction point and said cursor at a time of detecting that the cursor is positioned inside the frame of said page structural element and that~~ wherein a button of a pointing device linked to ~~said~~ the cursor is pressed down at a time of detecting the cursor position; and

when said pointing device is operated in a holding state and said cursor is moved, link ~~said second attraction point in the attractive state~~the page structural element to movement of said cursor ~~and move said second attraction point, attract it to a first attraction point nearest to said probe point,~~ and move said page structural element without deformation such that the single second attraction point is attractive to snap the page structural element to a first attraction point.

Applicant : Lynn, et al.
Serial No. : 09/658,742
Filed : September 11, 2000
Page : 6 of 10

Attorney's Docket No.: 07844-410001 / P374

11.   (Original) The apparatus of claim 10, further comprising instructions to cause the computer to select one of a first attractive operation mode and a second attractive operation mode, the first attractive operation mode setting a state of attracting to all of said plurality of first attraction points, the second attractive operation mode setting a state of attracting only to a selected predetermined pattern within said plurality of first attraction points.

12.   (Original) The apparatus of claim 11, wherein said first or second attractive operation mode is selected depending on whether a predetermined specified key on the keyboard is pressed down or released respectively.

13.   (Currently Amended) A layout editing system for arranging page structural elements in an electronic document, comprising:

    a display;

    a memory that stores an electronic document and a page structural element to be output on the display, the electronic document having a grid provided with a plurality of first attraction points arranged on a grid, the page structural element having a plurality of attractive second attraction points and an outline demarcated by a frame;

    a movement device; and

    a processor coupled to the memory, the display and the movement device, the processor configured to adjust a position of the page structural element, without deforming the page structural element, on the display in response to user operation of the movement device such that at least one of the plurality of first attraction points tends to align with at least one of the plurality of second attraction points, the processor further configured to control the attraction of the plurality of second attraction points that can be activated such that only a single one of the plurality of second attraction points is attractive to snap the page structural element to a first attraction point while said page structural element is being moved by the to cause only one second attraction point selected from said plurality of second attraction points to become attractive during operation of the movement device.

14.   (Currently Amended) The layout editing system of claim 13, wherein the movement device comprises a pointing device, and the processor is configured to cause the only one second attraction point to be selected when a ~~bottom~~ button on the pointing device is pressed.

15.   (Original) The layout editing system of claim 14, wherein the processor is configured to operate in one of a first attractive operation mode and a second attractive operation mode, wherein in the first attractive operation mode the processor sets a state of attracting to all of said plurality of first attraction points, and in the second attractive operation mode the processor sets a state of attracting only to a selected predetermined pattern within said plurality of first attraction points.

16.   (Original) The layout editing system of claim 13, further comprising a keyboard, and wherein the processor selects one of the first and second attractive operation modes based on user input on the keyboard.

17.   (Currently Amended) The layout editing system of claim 13, wherein said movement device comprises a cursor displayed on said display device, and the processor is configured to ~~makes~~ activate only ~~the~~ a single second attraction point nearest to said cursor attractive when the ~~cursor is positioned inside~~ the page structural element ~~frame~~is being held by said movement device.

18.   (New) The layout editing system of claim 1, wherein the page structural element is demarcated by a frame.

19.   (New) The layout editing system of claim 18, wherein said movement device comprises a cursor displayed on the display device, and the attraction state control activates only a single second attraction point nearest to the cursor attractive when the cursor is positioned inside the page structural element frame and the page structural element is being held by the movement device.